

	Type	L #	Hits	Search Text
1	BRS	L1	964	455/567.ccls. or 340/7.6,407.1,407.2.ccls.
2	BRS	L2	725	morse adj code
3	BRS	L3	8	1 and 2
4	BRS	L4	3	vibrat\$3 with (morse adj code)
5	BRS	L5	0	tactual with (morse adj code)
6	BRS	L6	0	tactual same (morse adj code)
7	BRS	L7	0	tactual same (morse adj code)

	DBs	Time Stamp	Comments	Error Definition
1	USPAT; US-PGPUB	2003/12/04 13:14		
2	USPAT; US-PGPUB	2003/12/04 13:14		
3	USPAT; US-PGPUB	2003/12/04 13:23		
4	EPO; JPO; DERWENT	2003/12/04 13:25		
5	EPO; JPO; DERWENT	2003/12/04 13:25		
6	EPO; JPO; DERWENT	2003/12/04 13:26		
7	USPAT; US-PGPUB	2003/12/04 13:26		

**PAT-NO: JP409248315A**

**DOCUMENT-IDENTIFIER: JP 09248315 A**

**TITLE: PORTABLE MINIATURIZED RADIO  
VIBRATOR EQUIPMENT FOR BLIND  
AND DEAF-AND-DUMB PERSON**

**PUBN-DATE: September 22, 1997**

**INVENTOR-INFORMATION:**

**NAME**

**UCHIUMI, HIETA  
SHIMIZU, MASANOBU**

**ASSIGNEE-INFORMATION:**

**NAME**

**COUNTRY**

**NAMIKI PRECISION JEWEL CO LTD**

**N/A**

**APPL-NO: JP08084807**

**APPL-DATE: March 13, 1996**

**INT-CL (IPC): A61F011/04, A61F009/08**

## **ABSTRACT:**

**PROBLEM TO BE SOLVED:** To mutually recognize will signs by interlocking a vibration motor corresponding to the presence/absence of calling sign from a sound source, changing a vibration pattern corresponding to the kind of the sound source and further, sending the calling sign through a transmission calling function to a party.

**SOLUTION:** In the case of transmitting the 'A' of alphabets through a morse code, for example, when a short transmission switch is first depressed and a long transmission switch is continuously depressed, a morse code 'A' is received. The signal is sent from a radio equipment part 1 to an information processing system, passed through a logic part 2, microcomputer part 3 and switching circuit 4 and processed by a power control circuit 5, afterwards, the on/off electrification of a power source is transmitted to a vibration motor 6, the motor is rotationally operated in the transmittent pattern of 'shortly once and continuously longly once' and an entire armour case main body is vibrated.

**At the same time, the alphabet 'A' is displayed through the microcomputer part 3 of a reception side circuit onto a liquid crystal display 10.**

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## End of Result Set



Generate Collection

L1: Entry 2 of 2

File: DWPI

Sep 22, 1997

DERWENT-ACC-NO: 1997-520857

DERWENT-WEEK: 199748

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TITLE: Portable communication apparatus for blind and deaf person - includes input part for morse code signal with button switch for transmission part according to which vibrations are produced at reception side

PATENT-ASSIGNEE: NAMIKI SEIMITSU HOSEKI KK (NAMJ)

PRIORITY-DATA: 1996JP-0084807 (March 13, 1996)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09248315 A	September 22, 1997		005	A61F011/04

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 09248315A	March 13, 1996	1996JP-0084807	

INT-CL (IPC): A61 F 9/08; A61 F 11/04

ABSTRACTED-PUB-NO: JP 09248315A

## BASIC-ABSTRACT:

The apparatus has a transmitter and a receiver for morse code information. The vibrations are produced according to the received morse code. A button switch is provided to input the morse code for transmission.

A logic circuit (2) for morse signal distinction, a microcomputer part (3), motor start switching circuit (4) and a power controlling circuit (5) are provided to process the received morse code for producing vibrations.

ADVANTAGE - Enables mutual communication.

ABSTRACTED-PUB-NO: JP 09248315A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/4

DERWENT-CLASS: P32 S05 W02 W05

EPI-CODES: S05-K; W02-G03; W05-A01A;